

ABSTRACT OF THE DISCLOSURE

An amplifying method and apparatus generates a plurality of constant envelope signals from an input signal and generates a plurality of pilot signals associated with the generated plurality of constant envelope signals, respectively. The plurality of pilot signals have predetermined amplitudes, predetermined phases, and predetermined frequencies, respectively, and the phases and frequencies are different from each other. The plurality of pilot signals are added to the generated plurality of constant envelope signals, and the sum is amplified. An amplitude or phase of one of the generated plurality of constant envelope signals is corrected using signal components included in the amplified plurality of constant envelope signals.